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Information for Authors

Developmental Biology will publish papers on problems of development in the broadest sense. Embryonic and postembryonic development, growth, regeneration and tissue repair in plants and animals, and the analysis of these phenomena at the molecular and cellular levels are topics suitable for the journal. Papers on reproductive biology, aging, and teratology will be published only when they bear on developmental mechanisms of general interest. Papers are sought that employ the techniques and concepts of many disciplines including those of biochemistry, biophysics, cytology, experimental morphogenesis, genetics including cell genetics, immunology, neurobiology, physiology, and microbiology. In all areas, analytical rather than descriptive studies will be favored.

Original papers only will be considered. Submission of a manuscript implies the authors' assurance that the same work has not been and will not be published nor is presently submitted elsewhere, and that all persons listed as authors have given their approval for the submission of the paper; further, that any person cited as a source of personal communications has approved such citation. Explicit proof of these implied assurances may be required at the Editor's discretion. Articles and any other material published in *Developmental Biology* represent the opinions of the author(s), and should not be construed to reflect the opinions of the editor(s), the publisher, or the Society for Developmental Biology.

Articles usually do not exceed 15,000 words and must be preceded by an abstract of about 200 words that should be fully intelligible by itself. Brief notes are 2500 words or less, including the bibliography, and should have an abstract of less than 100 words. All papers will be published in English.

Manuscripts should be concise. Full documentation of results in support of conclusions should be combined with maximum brevity compatible with clarity. The discussion section should relate the present work to previous knowledge but should not be expanded into a review of the field. The standard order of sections is: abstract, introduction, materials and methods, results and discussion. Combined results and discussion may be used. In the manuscript acknowledgment, references, footnotes, tables, and figure legends should follow the discussion in that order. All pages of the manuscript should be numbered consecutively and typed double-spaced throughout. Authors should provide a running title of 35 letters and spaces or less. Use footnotes sparingly. Cite them with superscript numbers and type them on a separate sheet. With rare exceptions do not italicize for emphasis.

Abbreviations and units should be used consistently. Consult the lists published in the *Proceedings of the National Academy of Sciences (U.S.A.)* the *Journal of Biological Chemistry*, and *Biochemistry* for standard abbreviations which need not be defined. Collect all abbreviations into a footnote and refer to it at the first use of an abbreviation. The use of units should follow the Système International. Use prefixes, e.g., μM, not 10^{-6} *M*. Note that *M* stands for molar, not mole. Use hr, min, sec, rpm, and cpm without definition, without a period, and without an "s" in the plural (i.e., 20 min).

Figures should be numbered consecutively in the order of their appearance and each should have a descriptive legend. Mark all figures with the author's name.

Line drawings should be made with India ink on smooth white paper or professional-quality drafting paper. Do not submit original line drawings larger in size than 13 x 10 in.; instead enclose smaller prints. Good quality prints are acceptable in any case. Drawings will be reduced as much as is compatible with the complexity of the figure, usually to column or page width. The lettering should be large enough to be at least 1.5 mm high after reduction.

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Tables should be typed on separate pages and numbered consecutively with Arabic numerals, and each should have a concise heading.

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Page proofs rather than galleys will be sent. This speeds production. Detailed instructions will be sent with proofs. A quick response and minimal changes on proof are imperative to maintain schedules.

Features will include announcements of meetings and courses in the field of developmental biology, and some meeting reports. Persons interested in preparing meeting reports are encouraged to contact the Editor.

To submit a manuscript, send two copies to Igor B. Dawid, Department of Embryology, Carnegie Institution of Washington, 115 West University Parkway, Baltimore, Maryland 21210, Tel. (301) 235-0460. Indicate the name, address, and telephone number of the author who should be contacted in editorial matters.